



THE
FUTURE
IS
WHAT
WE
MAKE IT

Honeywell

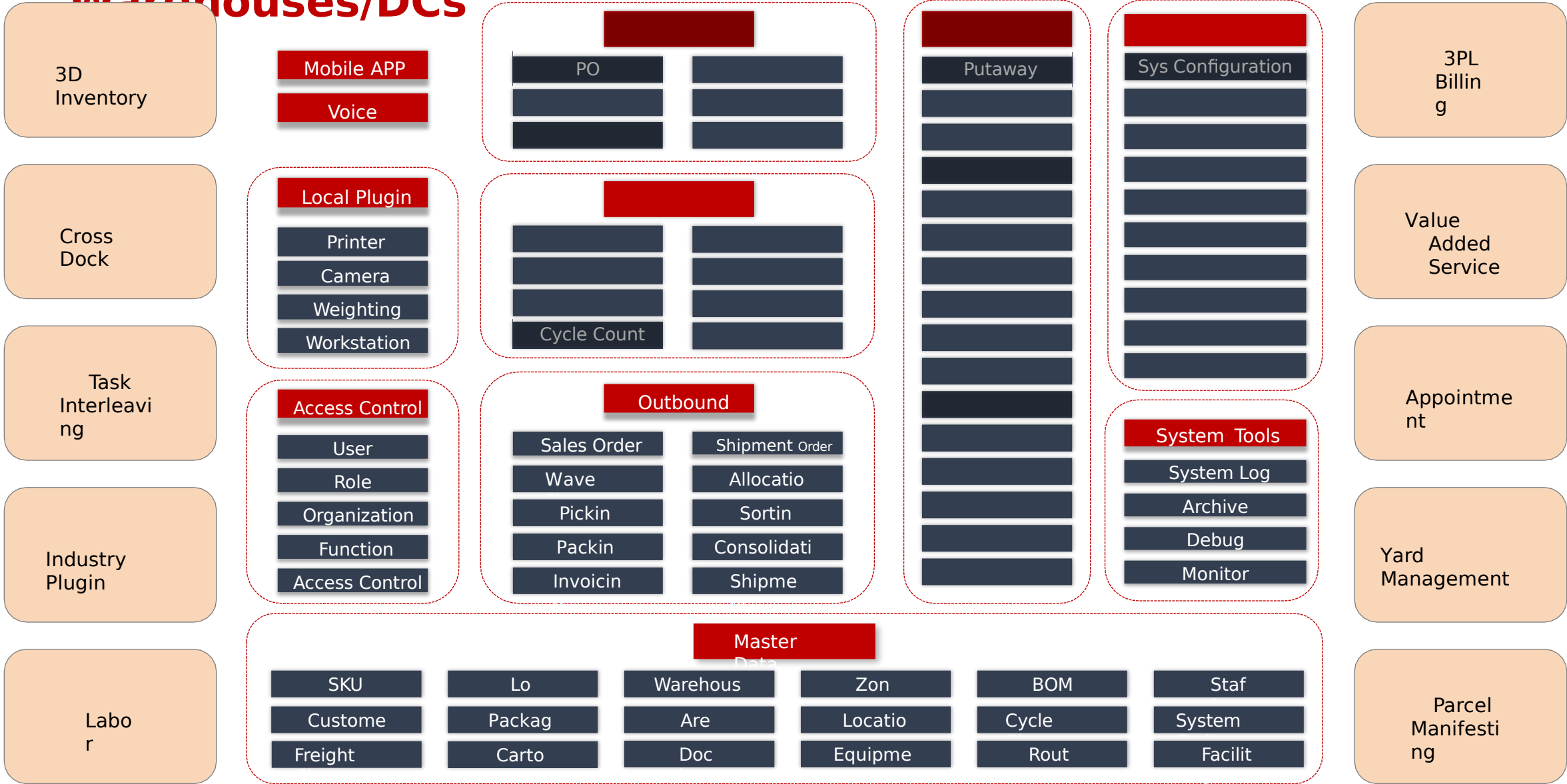
HONEYWELL WMS OVERVIEW



WHAT AND WHY CHOOSE HLS WMS

Honeywell

HLS WMS - Built for different types of Warehouses/DCs



HLS WMS - SUPPORTS ALL COUNTRIES

Multi

Language

1.English

2.Chinese

3.Spanish

4.Vietnamese

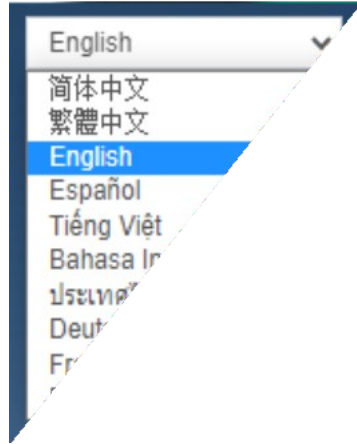
5.Bahasa
Indonesia

6.Thai

7.Dutch

8.Japanese

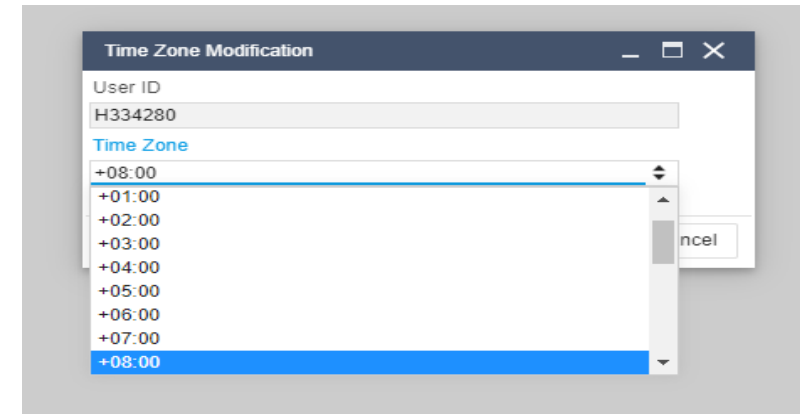
9.French



Multi Time

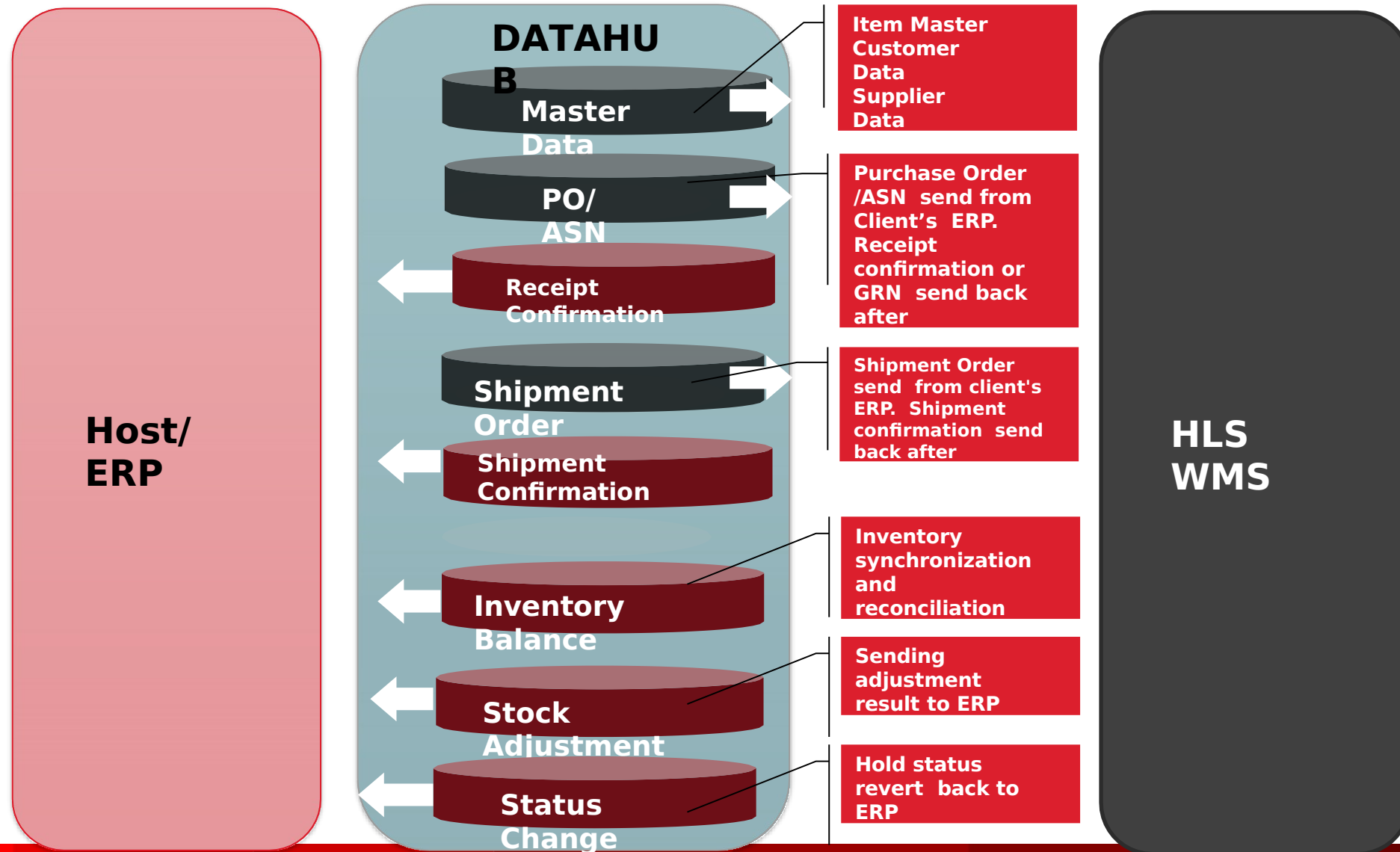
Zone

Time zone based on user selection.



SUPPORT DIFFERENT REGION & TIMEZONE

HLS WMS - Talks to different types of Hosts/ERPs



Rule-based + Process-based Configurations ☐ No Source Codes

6



Level-1 Business Logic Configuration

- Parameters
- Rules
- Strategies



Level-2 User Interface Configuration

- ☐ List ☐ Multi
- ☐ Web/Form • Language
- ☐ RF/PDA ☐ Multi Time-Zone
- ☐ Hot Key Setup



Level-3 Low Code Configuration

- RF ☐ Import & Export
- Process Document ☐ Auto Print
- Report ☐ Alert
- Dashboard ☐ Pre & Post



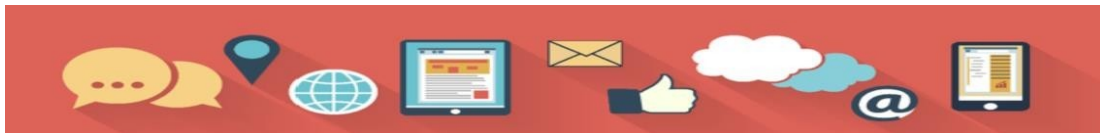
Level-4 Customization

- ☐ User Defined Form
- ☐ User Defined Operation ☐ API
-

Alerts - Your Logics, Your Messages, Your Groups of Recipients

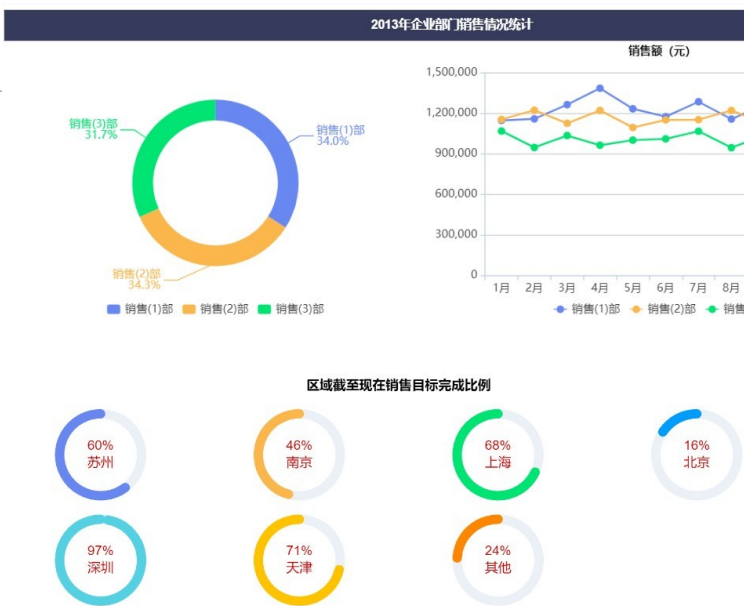
7

- **Alerts can be triggered by any logics you like** □
 - Expired Goods
 - Inventory Safety Level
 - Stock Aging
 - Order that not yet process more than 24 hours
 - Pending replenishment task more than 1 hour
 - Pending putaway task more than 12 hours
 - You can define Alerts as needed ...
- **Alerts can be sent to defined groups of recipients via:**
 - Email (with/without reports attached)
 - SMS
 - IMS
 - Monitoring UI



- Setting of alert notification can effectively prevent the problem of uncontrollable aged inventory turnover.

- Different Part Number can have different aging date.



Dashboard Designer

BUSINESS CONFIGURABILITY – RULES

Rich Configurable Rules

Putaway

Quality Check

Sequence

Serial No

Pre-rotation allocation

Replenishment

Wave Plan

Wave Dispatch

Route

Delivery

Auto-shipment

Scheduling Tasks

The image displays three screenshots of the Honeywell WMS interface, illustrating the configuration of various rules:

- Replenishment Rule:** Shows a table with columns for Warehouse ID, Replenish ID, Replenish Descr, and Customer ID. The table lists rules like MFG, RPL_CASE, and RPL_LOOSE.
- Putaway Rule:** Shows a table with columns for Warehouse ID, Putaway ID, and Putaway Descr. The table lists rules like MFG, PA_CRD, PA_RACK, PA_RPL_CASE, PA_RPL_LOOSE, and PA_SHELF.
- Rotation Rule:** Shows a table with columns for Rotation ID, Rotation Descr, Lot ID, and Lot Descr. The table lists rules like FAM_RTR_FEFO, FAM_RTR_FIFO, STANDARD, and LFX_STD.

Each screenshot includes a 'Query Condition' section and a 'Form Details' section, allowing users to filter and view specific rule details.

Rules involve the control of core workflows, users can dynamically adjust those on demand after training.



PROCESS CONFIGURABLE – PARAMETERS

Honeywell WMS

System Config

>>

+ Add

Copy

Delete

Print

Operation

Export

Edit

...

☐ Config ID	Config Descr	Conf...	Category	Default Value	Active Fla
☐ 1ST_SEG_OPT	First Segementation before PTL operation	100	INB-Sowing	Y	Y
☐ 3PL_BIL	Billing Config	100	COM-Bill	N	Y
☐ ADJUSTMENT_A...	Automatic close adjust document after adjustment	100	INV-Adjustment	Y	Y
☐ ADJ_HLD_INV	Allow adjust the qty of inventory on hold	100	INV-Frozen	Y	Y
☐ ALC_AND_PCK	Confirm picking when manual allocate	100	OUT-Allocation	N	Y
☐ ALC_DIM_CAL	Cubic, Gross Weight,et Weight and Price of allocation details calculated from the data of...	100	OUT-Allocation	N	Y
☐ ALC_SOR_LOC	Allow allocate the inventory from sortation location.	100	OUT-Allocation	N	Y
☐ ALT_MSG_TIM	Message Pushing Timer	100	COM-Configure	0	Y
☐ ALT_SKU	Open SKU alias management function	100	COM-Expand	N	Y
☐ APP_DCK_OVL	Allow time window override in dock management function	100	COM-JOB	APP_DCK_OVL	Y
☐ ARC_DB_MAP	Mapping between production DB and archive DB	100	COM-Configure	ARCHIVE	Y
☐ ASN_CLS_CTL	Is ASN with 00 status allowed to close	100	INB-Order	Y	Y
☐ ASN_DSP_LOC	Whether the warehouse acceptance report shows the storage location	100	INB-Print	N	Y
☐ ASN_DSP_QTY	Does the printed storage task list display quantity information?	100	INB-Print	N	Y
☐ ASN_GEN_TID	Generate Trace ID upon Receiving (No Palletize) if no TracelD assigned	100	INB-Receiving	N	Y
☐ ASN_LNK_QC	ASN generation of quality check sheet automatically jump	100	INB-Order	N	Y
☐ ASN_LOT_CHK	Check lotatt when saving ASN	100	INB-Order	N	Y
☐ ASN_MDT_CHK	The manufacturing date of receiving goods cannot earlier than the manufacturing date o...	100	INB-Order	N	Y
☐ ASN_MOD_ATH	Char				
☐ ASN_MOD_ED1	Allow				
☐ ASN_MOD_SUM	Allow				
☐ ASN_RCV_UPD	Upda				
☐ ASN_RLS_CTL	Defai				
☐ ASN_SPL	Crea				
☐ ASN_SPL_CTL	Supp				
☐ ASN_SPI	Does				

Honeywell WMS

System Code

>>

+ Add

Copy

Delete

Print

Operatic

☐ Code Type	Code Type Descr	Show Sequen
☐ ABC_CAL_BAS	ABC Calculation ...	100
☐ ABC_RNK_BY	ABC Rank By	100
☐ ACTIVITY_RESULT	Operation Result	100
☐ ADD_TO_SOW	When to generate...	100
☐ ADJ_HDR_UDA	ADJ_HDR_UDA	100
☐ ADJ_HDR_UDA	ADJ_HDR_UDA	100
☐ ADJ_STS	Adjustment Status	100
☐ ADJ_TYP	Adjustment Type	100
☐ AFFILIATED_AGE...	Affiliated Ggency	100
☐ ALC_COD	Allocation Rule	100
☐ ALC_TYP	Allocation Method ...	100

Honeywell WMS

System Code

>>

+ Add

Copy

Delete

Print

Operation

Export

☐ Customer ID	Category	Code Type
☐ *	*	ADJ_STS
☐ *	*	ADJ_STS
☐ *	*	ADJ_STS
☐ *	*	ADJ_STS
☐ *	*	ADJ_STS
☐ *	*	ADJ_STS
☐ *	*	ADJ_STS

Features

- 500+Parameters, Simply switch on/off to activate or deactivate a business process / logic.
- ✓ Support WCO
- ✓ Warehouse
- ✓ Customer
- ✓ Order Type

HIGH CONFIGURABILITY – GUI FORM

Honeywell WMS PO **Function Config-PO**

Scheme Selection: **MFG Purchase Order** Application Warehouse **Manufacturing Warehouse** Application Role **WMS Basic Role,MFG Li** **Save Scheme** Refresh Scheme Restore Default

Data Source UDF Grid **UDF Form**

Function Items

- Query Condition
- More Query Condition
- Header Editor Form
- Detail Editor Form
- Available Fields**

Fuzzy Retrieval

- bas1(Customer Info)
- h1(Purchase Order Info)
- h2(SYS Code Details Multi-I
- h3(BSM_CODE_ML)
- h5(BSM_CODE_ML)
- h6(SYS Code Multi-Langua

Design Area

Restore Default

Main Info Supplier Issue Party User-defined Interface Other

PONO	PO Status	PO Type	PO Creation Time	Warehouse ID
Customer ID	Customer Descr	Release Status	Expected Arrive Time 1	Expected Arrive Time 2
PO Reference1	PO Reference2	PO Reference3	PO Reference4	PO Reference5

Re-layout standard forms

Add or delete control
objects Add various field
controls

Add customized new
functions



RF CONFIGURABILITY – FUNCTIONALITY

ID
WRF_H5INB01006

Name
Standard Receiving

Status
In Use

M-Desc
Standard Receiving

▼ Texts

Text Box
请输入...

Password

Label

► Widgets

► Buttons

Last Add New Page2/7 Next

SKU
Abc123

SKU Descr
Abc123

PackID Tihi Expected QTY Received QTY
Abc123 Abc123 Abc123 Abc123

Rcv LOC Putawaylocation Holdcode
Abc123 Abc123

UOM UOM Rcvd QTY QTY
Abc123 Abc123 Abc123 Abc123

Confirm Cancel

Field Query Http Hide LOTATT Skip Other Help

Widget No txt1521267843318_line_15212 Widget Type Text Assistbutton(Just Text)
Widget Id TXT_SKU Widget Name SKU 刷新[BUT_REFRESH_6]

Widget Logic Logic+ Http+ Analyze+ Save

Logic-1
AND SKU[TXT_SKU] = Input If-condition
Action --- SKU[TXT_SKU] Echo Please input the SKU.
SetValue +

Logic-2
AND TRUE = Input If-condition
Action --- Echo Input Message Http-4
SetValue +

Analyze-3
SKU Analyze
Paramlist
Operatio HIDE_NULL OR RCV
PARA1 ASN[TXT_ASNN0] OR Input ParamIn-C
PARA2 HIDE_NULL OR Input ParamIn-C
Custome Customer[WXT_CUS] OR Input ParamIn-C
Supplier SupplierID[TXT_SUP] OR Input ParamIn-C
Barcode SKU[TXT_SKU] OR Input ParamIn-C
tion(OK)
SKU[TXT_SKU] Echo Input Message
tion(ERR)
usic Er SKU[TXT_SKU] Echo Input Message
p-4
Query ASN TO Page

Targeting for Ultimate User
Experiences Standard HTML5
Component
Support Android & Wifi Printing



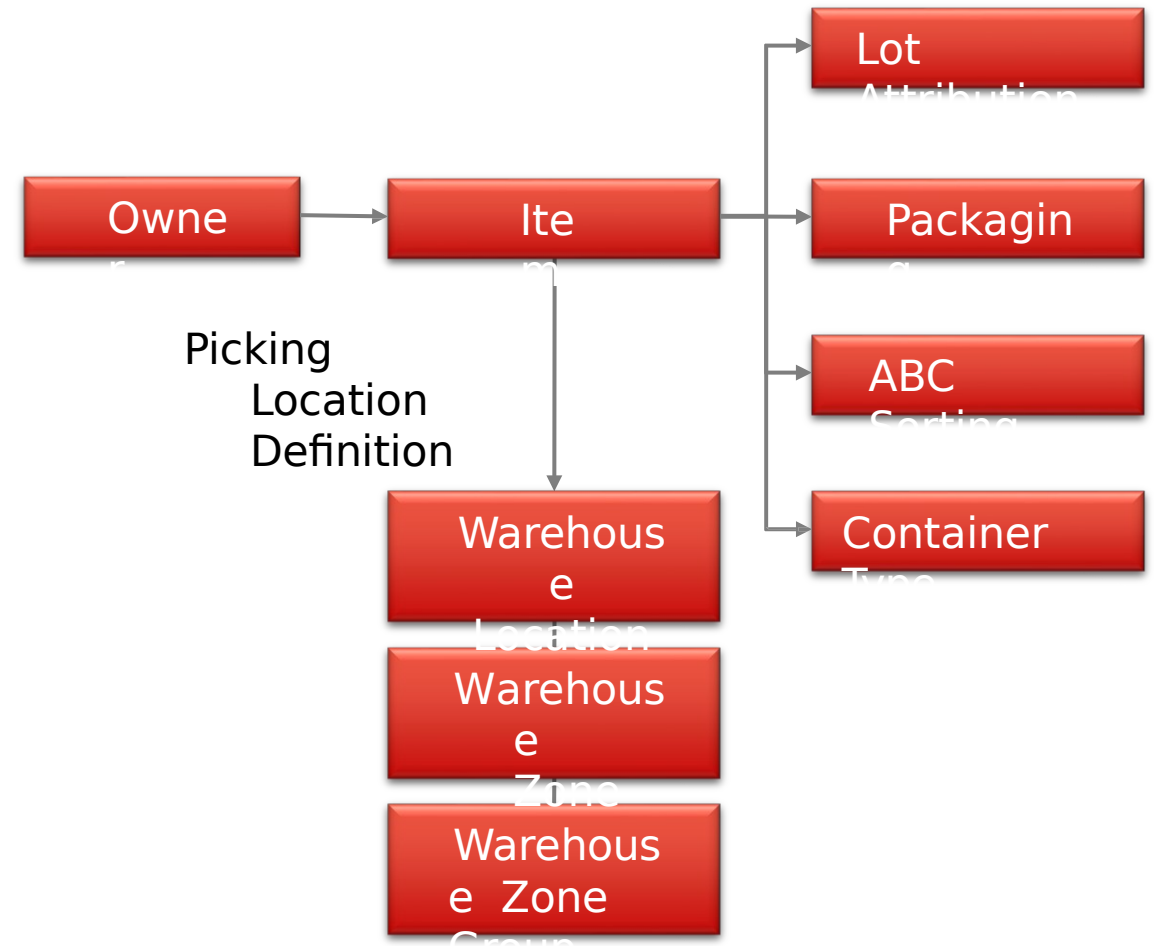


MASTER DATA

Honeywell

BASIC SETTINGS

- Owner □ Supplier □ Client □ Carrier
- Item SKU
- Lot Attribution
- Packaging
- Warehouse Zone
- Warehouse Section
- Warehouse Location
- ABC Sorting
- Container Type



Lot attribution is the key setting for the SKU. As an example, this setting can be used for managing appliance serial numbers. After setting the lot attribution, upon receiving or dispatching an item, linked systems will indicate the serial number to the user. This setting can be used for managing expiry date of food items, apparel colors, item measurements and others

BASIC SETUP



Warehouse Setup

Group

- Zone
- Location



Customer Setup

Owner

- Supplier
- Carrier
- Consignee



SKU Setup

Life

- Rules
- SKU Basic Info
- Lot Attributes



Package Setup

Pieces

- Inner Pack
- Case
- Pallet
- OT

PACKAGE

Package

Main Info Additional User-defined Other

Customer ID MF1 Pack ID 1/20/480 Pack Descr PKG-1/20/480

	QTY	UOM Descr	Pack Material	Cartonize Flag
EA	1	EA	...	☒
IP	0	IP	...	☐
CS	20	CS	...	☒
PL	480	PL	...	☒
OT	0	OT	...	☐

SKU

Form Details Picking Location Multi-Warehouse

Main Info Control SerialNO Manage

Pack ID 1/20/480 Lot ID MF1 Stand?

QC Point NO Need for QC QC Time

Form Details Picking Location Multi-Warehouse Multi-Package

+ Add Copy Delete Print Operation Export Edit

Customer ID	SKU	Pack ID	UDF01	UDF0
☐ MF1	MF1-SKU-002	1/20/240		
☐ MF1	MF1-SKU-002	1/20/480		

- SKU package control:
 - Each
 - Innerpack
 - Case
 - Pallet
- Package information can be tracked during the whole process within the warehouse
- Support to process by different UOM

LOT ATTRIBUTE

LOTATT Label	LOTATT Label...	Rf Show	LOTATT Flag	Lot Type	LOTATT Value
Production Date	MAN.DATE	☒	Disable	Date	
Expiration Date	EXP.DATE	☒	Disable	Date	
Receiving Date	RCV.DATE	☒	Mandatory	Date	
LOTATT04	LOTATT04	☒	Disable	Char	
Cust. SKU	Cust. SKU	☒	Optional	Char	
PO#	LOTATT06	☒	Optional	Char	
Batch Lot	LOTATT07	☒	Optional	Char	
Damage	Damage	☒	Optional	Char	Good/Damage
LOTATT09	LOTATT09	☒	Disable	Char	

SKU x

Form Details Picking Location Multi-Warehouse

Main Info Control SerialNO Management User-defined Other

Pack ID 1/20/480

Lot ID MF1 Standard Lot Infor

QC Point

Efficiency(CS/h)

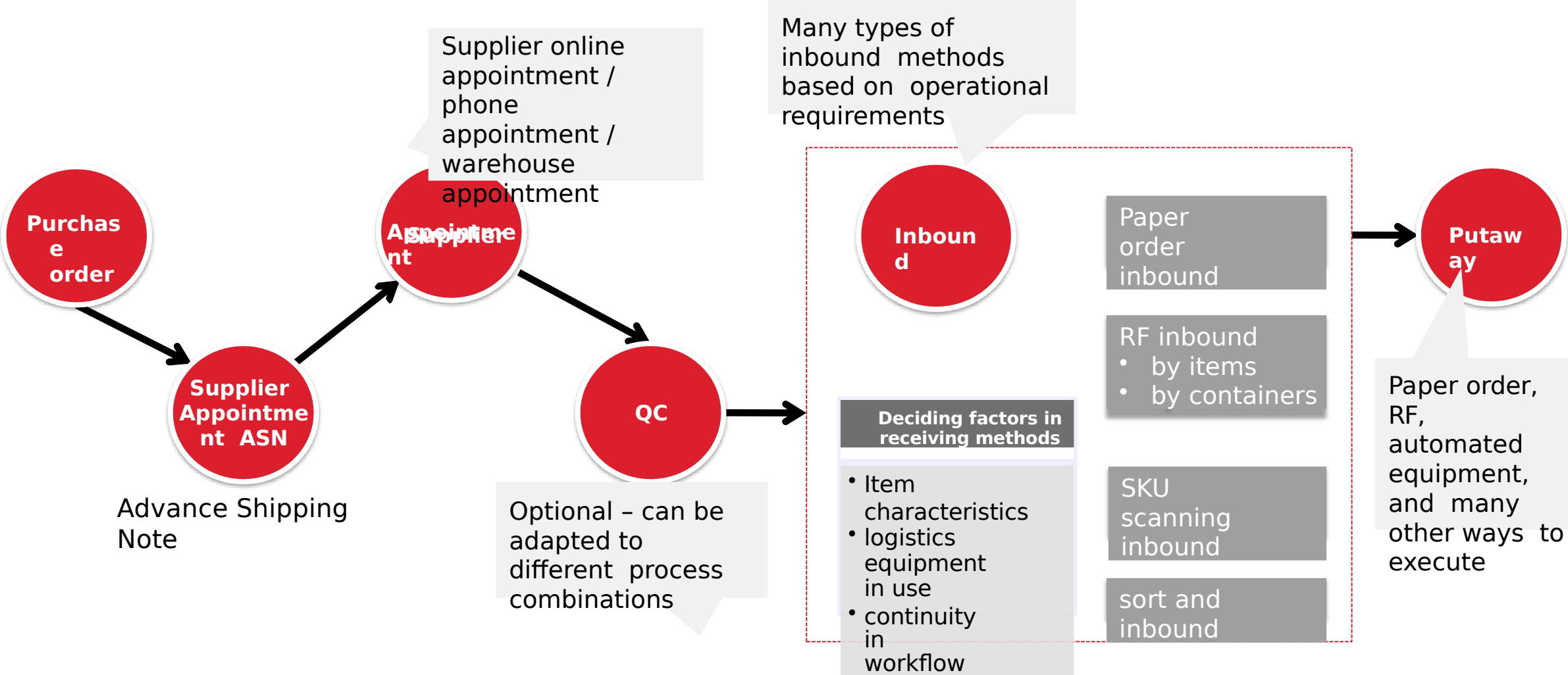
- Inventory Lot Information
- Full cycle management on:
 - Receiving Date
 - Manufacturing Date
 - Expiry Date
 - Vendor
 - Inventory status
- Near expiry notification
- Inbound / outbound checking
- Picking / replenishment rotation



INBOUND

Honeywell

INBOUND WORKFLOW



SUPPLIER APPOINTMENT & DOCK MANAGEMENT

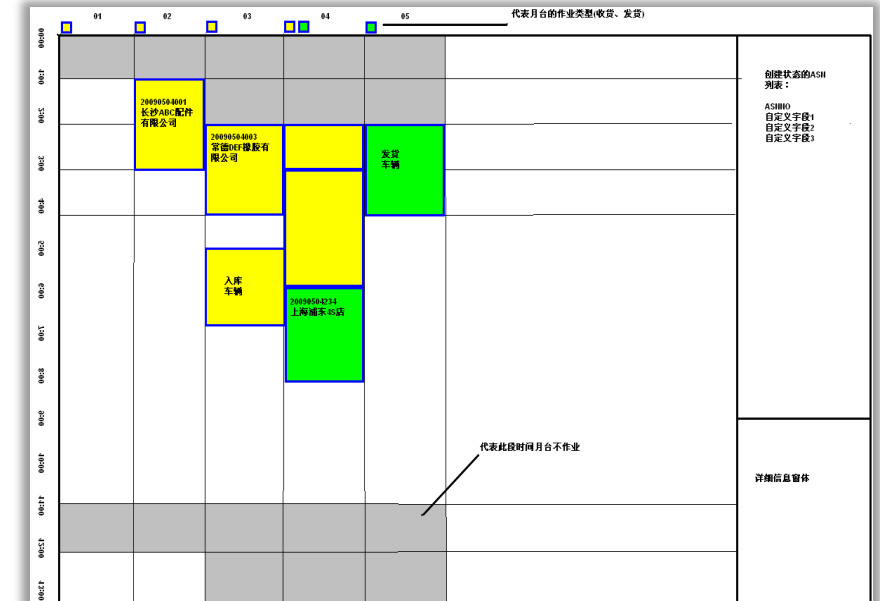
Appointment management

- Supplier internet or phone appointment for delivery
- Vehicle entry control & management
- Receiving Dock, workforce, equipment & container

Honeywell WMS						
ASN Supplier Reservation						
» New Appointment View Appointment Print Operation Export ...						
Warehouse ID	PONO	Po Statusnm	Po Typenm	Expected Arrive Time1	Expected Arrive Time2	Supplier ID
☒ HLS	000018	Appointed	Purchase Order	2021-03-02 16:28:18	2021-03-02 16:28:18	HLS_VE
☐ HLS	000017	Order Created	Common	2021-03-03 20:27:37	2021-03-03 20:27:37	
☐ HLS	000016	ASN Closed	Purchase Order	2021-03-03 20:20:40	2021-03-03 20:20:40	
☐ HLS	000012	ASN Closed	Common	2021-03-03 07:22:03	2021-03-03 07:22:03	
☐ HLS	000011	ASN Closed	Purchase Order	2021-03-02 21:05:26	2021-03-02 21:05:26	
☐ HLS	000010	ASN Closed	Purchase Order	2021-03-02 20:19:12	2021-03-02 20:19:12	
☐ HLS	000008	ASN Closed	Common	2021-02-01 01:58:05	2021-02-01 01:58:05	
☐ HLS	000007	ASN Closed	Common	2021-02-01 15:58:05	2021-02-01 15:58:05	
☐ HLS	000005	ASN Closed	Common	2021-02-02 19:58:05	2021-02-02 19:58:05	
☐ HLS	000003	ASN Closed	Purchase Order	2021-01-28 19:51:15	2021-01-28 19:51:15	
☐ HLS	000002	ASN Closed	Purchase Order	2021-01-25 01:05:34	2021-01-25 01:05:34	
Current Count 12 Total Count 12 Count Each Page 60 1/1 Move To Page 1						
Order Details						
Po Lineno	SKU	SKU Descrc	Orderedqty Each	Csnum	Packagenm	Uomnm
☒ 1	885025735005	Milky Face Powder	10	10	Milky Face Powder	Each

Dock

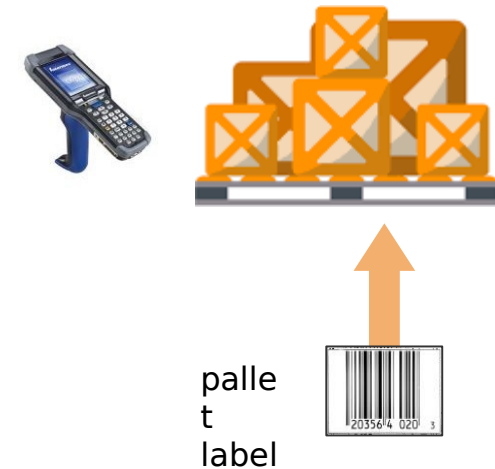
- Through colored blocks, visually display send/receive time share & vehicle arrangements
- Display operation hours, dock number, usage



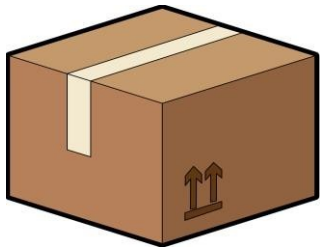
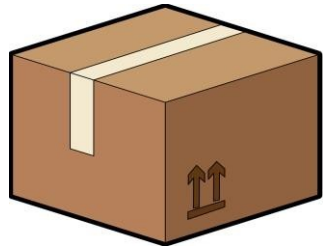
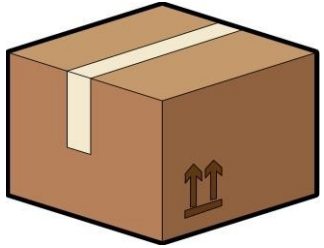
RECEIVING: IDENTIFICATION OF GOODS

- Receive via RF against ASN
- Receive via RF or paper
- Receive, sort, and palletize (including multi-SKU)
- Apply bar Trace ID
 - Pre-printed ('blind')
 - Print on demand – Post receipt
 - Vendor supplied LPN
 - Apply on case, pallet, or both
- Receive multiple units of measure (UoM)
- Capture basic information (Weight/Length/Height,etc)
- Real-time updates

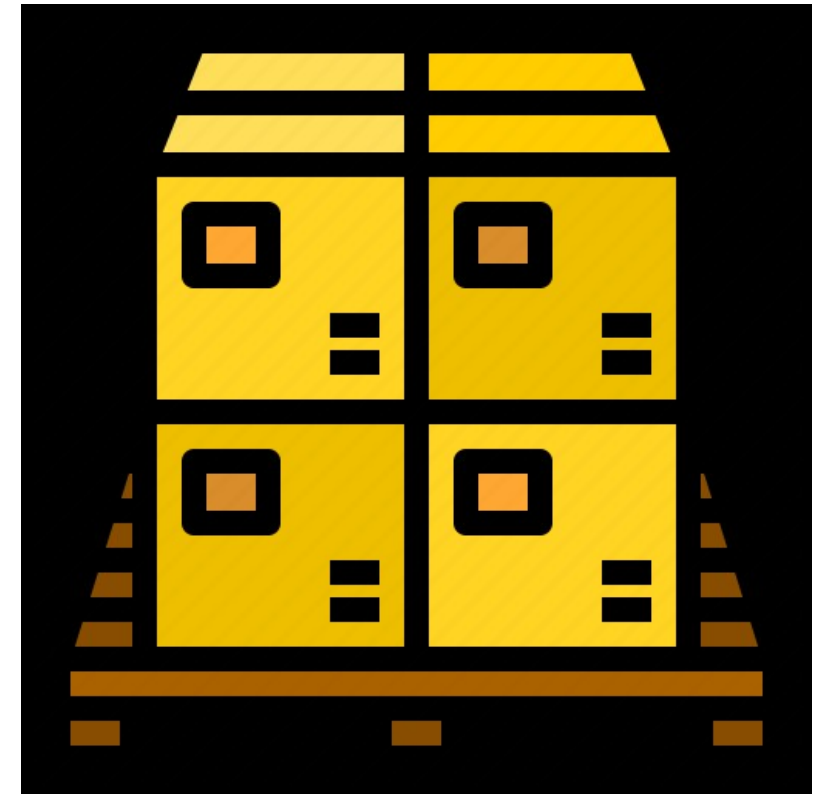
Capture activity information (including timestamp & user ID) for tracking



PALLETIZING



Based on the Package Setup
&
TixHi that print on ASN Tally
Sheet



Trace ID: 011678

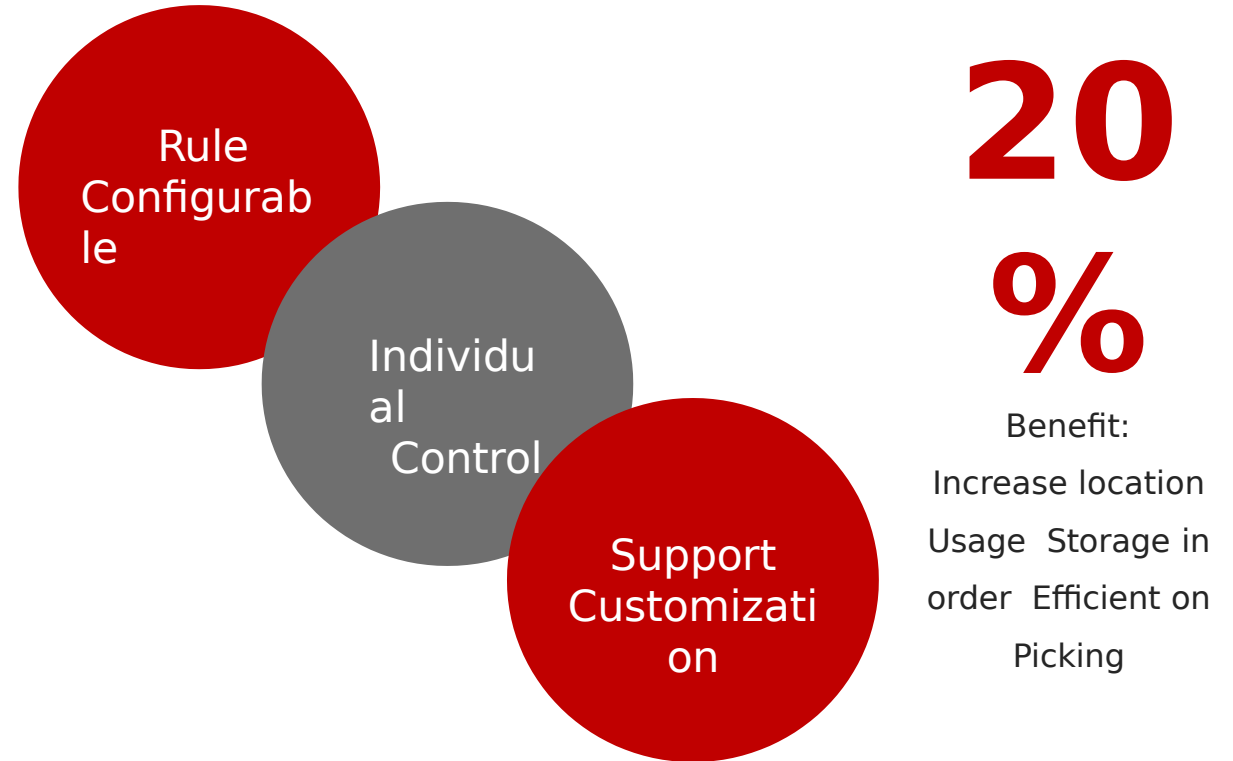
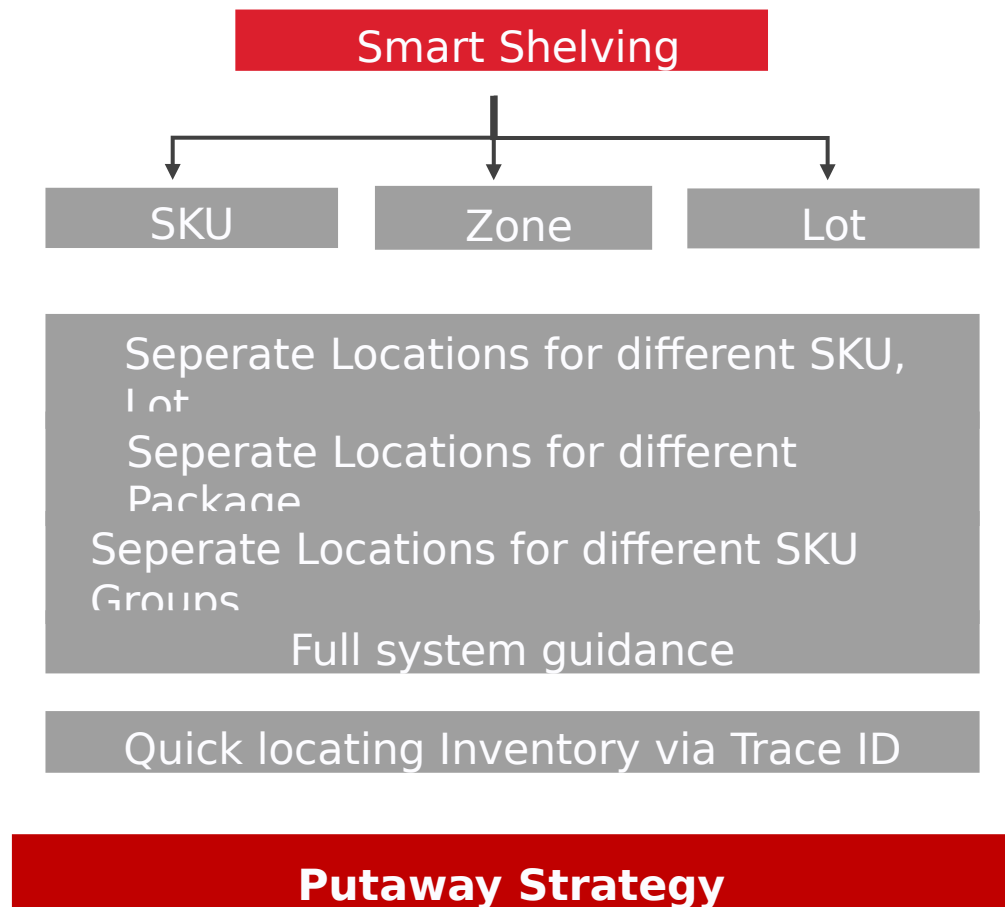
Milky Face Powder

Expiry Date:

Receiving Date: 2021-03-03

Sku: 885025735005

SMART SHELVING – PUTAWAY STRATEGY

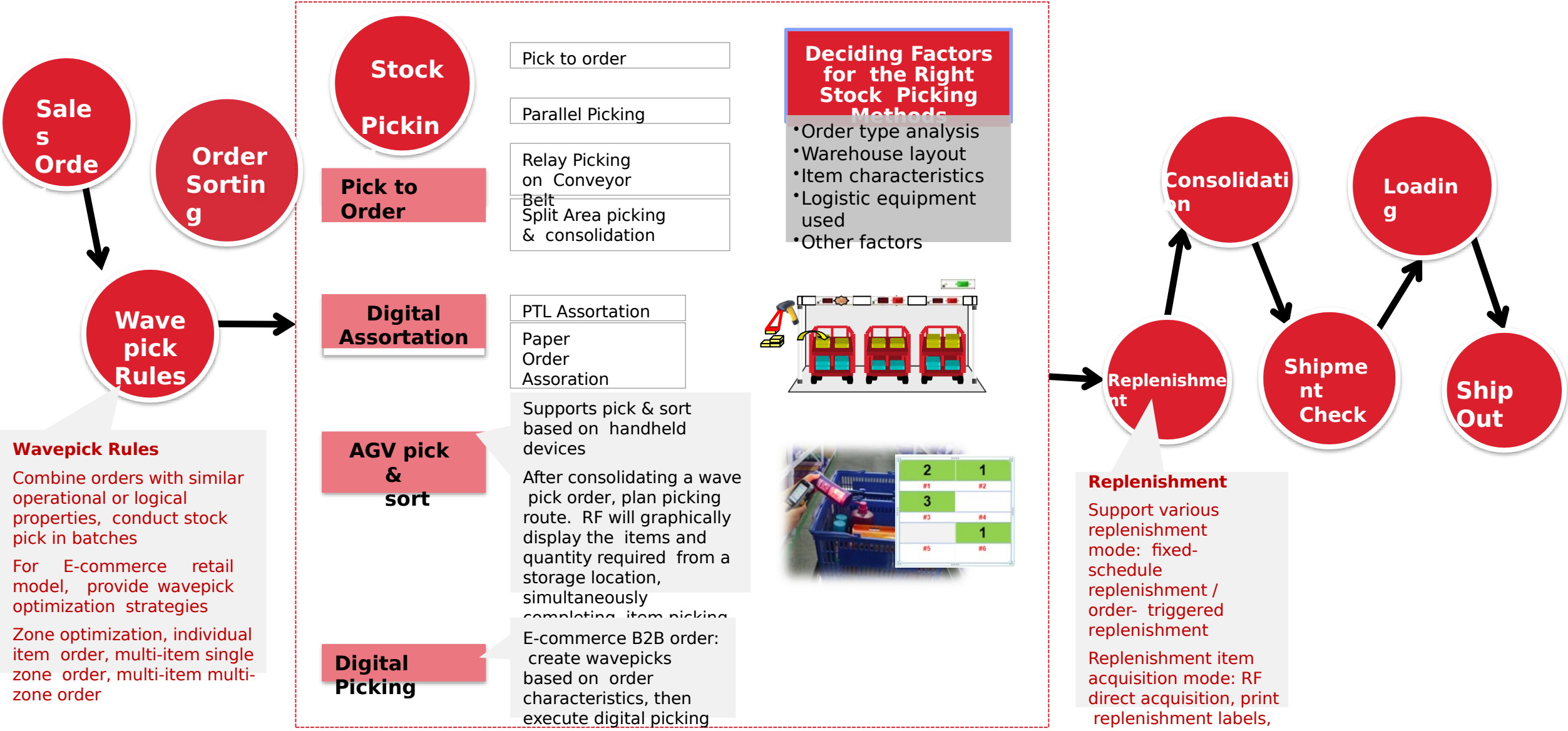




OUTBOUND

Honeywell

OUTBOUND WORK FLOW



WAVE PLAN RULES

1. **Combine orders with similar operational properties or logical relationship into a lot for picking**
2. **The logical combination can be triggered by a timer or pre-set conditions**
3. **For certain e-commerce business models, the system will provide various wave-pick optimization strategy**

Configurable interface

Supports multiple combinations of wave- pick strategy

Operating decisions based on actual conditions

Timer controlled wave pick intervals

Wave Pick settings include the following options:

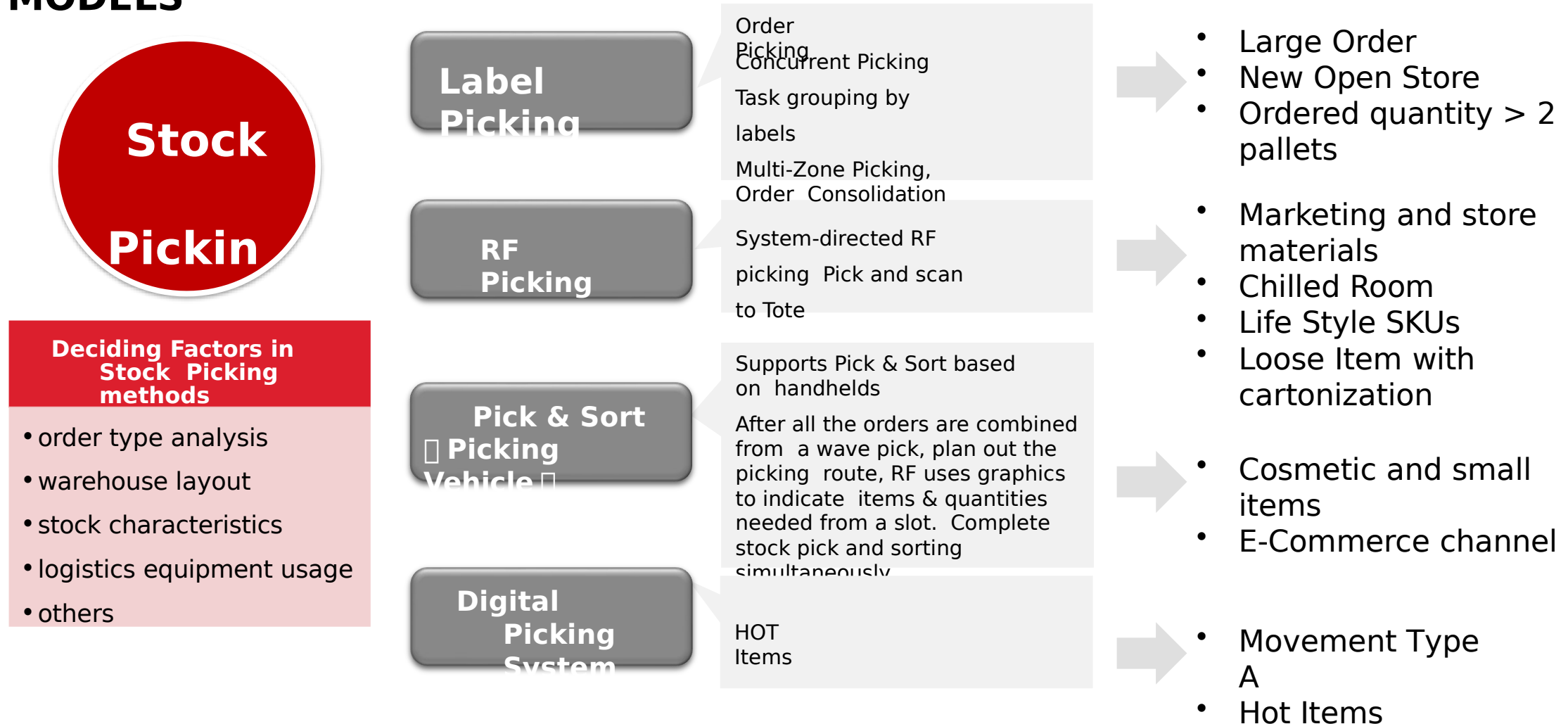
1. Carrier
2. Delivery Method
3. Sales Order type
4. Sales Order priority
5. Sales Order status
6. Routing
7. Number of fixed consignees
8. Upper & Lower limit of Sales
Order volume
9. Weight, Volume Limit
10. Sort / No Sort
11. Individual Item order
12. Route

.....

The screenshot shows a web-based configuration window titled "Wave Plan Rule". It has several tabs: "Main Info", "Order Filter", "Time Frequency", "User-defined", and "Other". The "Main Info" tab is active. It contains various fields for configuring a wave rule, including "Wave Rule" (with "Activate" selected), "Wave Descr", "Customer ID", "Carrier ID", "Priority", "SO Status", "Transportation", "Route", "Channel", "Single Match", "Location Group1", "Add Sow TO", "Assorting Type", "Optimize Type", "SKU Combination", "Last Wave Time", and "Wave Count". There are also "Order Designation Rules" for "Rotation ID", "Soft Allocation Rule", and "Allocation Rule". At the bottom, there are checkboxes for "AuDispatch TO", "Pick Light TO", "Link Carton", and "Picking Label".

PICKING OPTIMIZATION

EFFICIENCY IS KEY, HONEYWELL WMS SUPPORTS VARIOUS PICKING MODELS



REPLENISHMENT

(Min Max+Demand+Dynamic Pick faces)



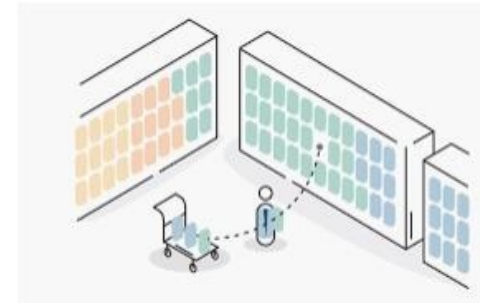
**Min
Max**



**Pickin
g**



**Tra
m**



**Replenishm
ent**



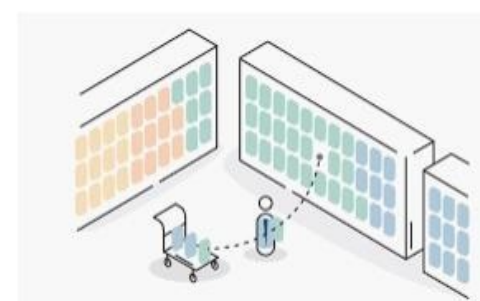
**Order Demand
(Wave
Generated)**



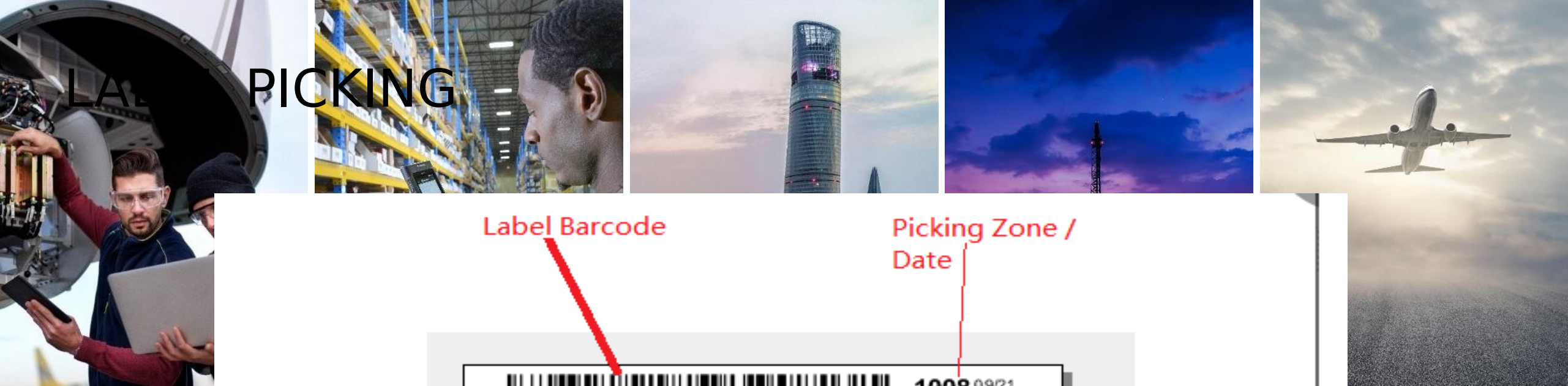
**Picking
Replenishment**



Tram



- Min Max replenishment can run once a day
- Order Demand to fulfill the shortage when some stock been consume but reduce unnecessary replenishment
- Dynamic pick faces to avoid mix batches



LAB PICKING

Diagram illustrating the components of a Honeywell Lab Picking label:

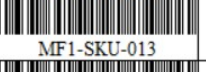
- Label Barcode**: Points to the main barcode.
- Picking Zone / Date**: Points to the top right section containing "1008 09/21".
- Route**: Points to the top right section containing "45108".
- Consolidation Zone**: Points to the top right section containing "/2".
- Sorter Port**: Points to the top right section containing "204".
- Number of carton**: Points to the bottom left section containing "1/1".
- Shop/Consignee ID & Name**: Points to the bottom left section containing "B031-2Z008-001" and "7751(AB)高埗北联综合市场美".
- Label Barcode (Last 6 Digit)**: Points to the bottom right section containing "800617".

Additional text on the label includes: "C1608162204_800617".

Honeywell

Checkin g

- By scanning the Pallet ID/Container ID/Tote ID at outbound staging by using RF devices.
- Support capturing Serial No during checking instead of picking to reduce picking time and inconvenience
- Flexible checking by different UOMs
- Print Packing Label and List after checking

SN		Order No	Case No	SKU	Description	Qty	UOM	Cubic	Weight
1		SO000001	SO000001#007	 MF1-SKU-012	MF1-SKU-012-Descr1	12	EA	0.0824	8.64
2		SO000001	SO000001#007	 MF1-SKU-013	MF1-SKU-013-Descr1	17	EA	0.068	11.05
3		SO000001	SO000001#007	 MF1-SKU-019	MF1-SKU-019-Descr1	8	EA	0.0133	4.08



Loading & Delivery



Honeywell WMS POD 管理员001DEBUG-BIZ-SQL [HLS_DEMO(Production)]

Form Details

Main Info User-defined Other

OrderNO: SO000104 POD Status: No return receipt POD By: Warehouse ID: HLS_DEMO

ArchiveNO: Shipment Time: 2020-07-06 16:26:23 Reject Reason Code: Reject Reason:

Save Cancel

Order Details

Warehouse ID	OrderNO	Order LineNO	Line Status	Customer ID	SKU	LotNum
☒ HLS_DEMO	SO000104	1	No return receipt	HLS	885711252002	0000008
☒ HLS_DEMO	SO000104	1	No return receipt	HLS	885711252002	0000011
☒ HLS_DEMO	SO000104	2	No return receipt	HLS	885711252753	0000007

- Load Check in by Pallet or Carton, Scan Trace-ID or LPN to confirm the Loading
- Seal The Truck with serial number Tag and Tie with Loading plan to avoid stolen
- Shop scan the Trace-ID or LPN to receive



INVENTORY MANAGEMENT

Honeywell

INVENTORY BALANCE

Honeywell WMS

ASN

Shipment Order

Inventory Balance

Admin 001_DEBUG-BIZ-VAR-SQL [HORREUMX_DEMO]

>> By LOT/Location/ID

☐ Warehouse ID	Customer ID	SKU	SKU Descr(L)	SKU Descr(S)	LOTNUM FM	Location ID	ID FM	MUID	UOM Name FM	↑ QTY FM	QTY Allocated	QTY Holdec
☐ HORREUMX_DE...	MESONX	885025735005	Milky Face Powder	Cosmestic	0000024	STAGEWHCPT01	PLT401	*	Each	20	0	0
☐ HORREUMX_DE...	MESONX	885025735005	Milky Face Powder	Cosmestic	0000023	D01-04-B	PLT400	*	Each	100	0	0
☐ HORREUMX_DE...	MESONX	885711252002	Solar Dried Natur...	Food	0000027	STAGEWHCPT01	000003	*	Each	100	0	0
☐ HORREUMX_DE...	MESONX	885025735468	Mi 80 cm (32 inch...	Electronic	0000026	STAGEWHCPT01	000002	*	Each	1300	0	0

Honeywell WMS

ASN

Shipment Order

Inventory Balance

Admin 001_DEBUG-BIZ-VAR-SQL [HORREUMX_DEMO]

Query Conditions

Exact Query

Customer ID

MESONX

Product Team

Freight Class

OWNER

Warehouse ID

HORREUMX_DEMO

Section Query

SKU FM

SKU TO

LOT FM

LOT TO

Zone Group FM

Zone Group TO

Zone ID FM

Zone ID TO

Location FM

Location TO

LOC Group1 FM

LOC Group1 TO

LOC Group2 FM

LOC Group2 TO

Fuzzy Query

SKU

ID FM

MUID

Filter Invalid

LotAtt Fuzzy Search

LOTATT

Production Date

Expiration Date

Warehousing Date

Batch Number

Stock Condition

Detailed inventory information can be filtered out in second via multiple filtering functions

INVENTORY VISIBILITY - 5 LEVELS

CUSTOMER

SKU

LOT

LOCATION

TRACE ID

The screenshot displays the Honeywell WMS 'Inventory Balance' interface. It features a table with columns for Warehouse ID, Customer, SKU, SKU Descr(L), SKU Descr(S), LOTNUM FM, Location ID, ID FM, and LPN. The table lists various inventory items, including 'Catokan Sisir Ra...', 'Indocafe Coffeemi...', 'Mamy Poko Pants...', 'Kapal Api Special...', and 'Swallow Sandal'. A 'Query Conditions' panel is visible on the right, showing filters for Customer, Product Team, Freight Class, OWNER, Warehouse ID, and various FM (From Material) codes. The interface also includes a 'By LOT/LocationID' filter and a 'Reset' button.

Warehouse ID	Customer	SKU	SKU Descr(L)	SKU Descr(S)	LOTNUM FM	Location ID	ID FM	LPN
ID_IDCOMGW001	SONNIA01	6925249990063	Catokan Sisir Ra...		0000335	SJ14-20-A	B00006278	*
ID_IDCOMGW001	BUKAMART01	9311931024036	Indocafe Coffeemi...		0001976	SI14-20-G	*	*
ID_IDCOMGW001	BUKAMART01	8993189271748	Mamy Poko Pants...		0001980	A03-50-B	P001646	*
ID_IDCOMGW001	BUKAMART01	8991002105485	Kapal Api Special...	8991002105485	0001987	SI14-20-A	*	*
ID_IDCOMGW001	BUKAMART01	ID000000000150	Swallow Sandal		0002003	B02-10-B	P002119	*
ID_IDCOMGW001	BUKAMART01	ID000000000150	Swallow Sandal		0002003	B09-10-A	P003210	*
ID_IDCOMGW001	BUKAMART01	ID000000000150	Swallow Sandal		0002003	SI13-10-A	*	*
ID_IDCOMGW001	BUKAMART01	ID000000000150	Swallow Sandal		0002003	SORTATIONID_IDCOMGW001	SC0201005001428...	*
ID_IDCOMGW001	BUKAMART01	ID000000000150	Swallow Sandal		0002003	SORTATIONID_IDCOMGW001	SC0201005001451...	*
ID_IDCOMGW001	BUKAMART01	ID000000000150	Swallow Sandal		0002003	SORTATIONID_IDCOMGW001	SC0201005001453...	*
ID_IDCOMGW001	BUKAMART01	ID000000000150	Swallow Sandal		0002003	SORTATIONID_IDCOMGW001	SC0201005001455...	*
ID_IDCOMGW001	BUKAMART01	ID000000000150	Swallow Sandal		0002003	SORTATIONID_IDCOMGW001	SC0201005001456...	*

TRANSACTION LOG

Transaction Log

Admin 001_DEBUG-BIZ-VAR-SQL [HORREUMX_DEMO]

Main Info

Extension Info

User Defined

Other

Transaction ID

Transaction Type

Status

DOCNO

LineNo

DOC Type

Warehouse ID

0000011

Receiving

Close

ASN20093000003

2

ASN

HORREUMX_DEMO

Transaction Time

Operator

2020-10-11 15:17:12

WMSADMIN001

Original Info

Customer ID

SKU

LOTNUM

MESONX

885711252002

0000027

Location ID

FM MUID

Trace ID

STAGEWHCPT01

*

*

Pack ID

UOM

QTY

885711252002

EA

100

100

Target Info

Customer ID

SKU

LOTNUM

MESONX

885711252002

0000027

Location ID

TO MUID

Trace ID

STAGEWHCPT01

*

000003

Pack ID

UOM

QTY

885711252002

EA

100

100

Purpose Warehouse

Original Batch

Production Date

Expiration Date

Warehousing Date

2020-10-11

2021-10-11

2020-10-11

Batch Number

Stock Condition

N-Good

Target Batch

Production Date

Expiration Date

Warehousing Date

2020-10-11

2021-10-11

2020-10-11

Batch Number

Stock Condition

N-Good

We can know:

WHAT transaction had been make
WHEN does the transaction taking place
WHO perform the transaction
WHERE does the trasaction happened
WHY need to perform the transaction

Every transaction details are

CYCLE COUNTING

Stock counting mode according to workflow:

- Applied Stock counting
- Approved Stock counting
- Released Stock counting
- Print stock count label or list
- Execute stock counting
- Validate stock count results
- Stock count results posted

Form Details

Main Info Condition Screening LOT Control User-defined Other

Cycle CountNO Status Count Type Priority Warehouse ID

Apply

DY CON

Touch Base Mode Transaction Type

Start Time End Time

Count SKU LOC

LOC*SKU

☐ Include Transition Locat... ☐ Include Empty

☐ Random... ☐ Dynamic Inventory ☒ Blind Count

☒ Count By SKU

Honeywell
THE POWER OF CONNECTED

CYCLE COUNT LIST

000003

Customer HONEYWELL

Task Date 2018-10-18 15:23:00.0

Count Type Common Count

ROW	TASK ID	SKU DESCRIPTION	SKU LOCATION	QTY UOM	SUBINVENTORY CC QTY
1	TS00000187	BADGE, HP INTEGRITY, rx2800 i4 1S	B PR1-SKU001 H01-010-020	- EA	JV Zone Group 1
2	TS00000188	BADGE, StoreAll 9300 Node	B PR1-SKU002 H01-010-040	- EA	JV Zone Group 1
3	TS00000189	BADGE, HP INTEGRITY, rx2800 i4 1S	B PR1-SKU001 H01-020-030	- EA	JV Zone Group 1
4	TS00000190	BADGE, HP INTEGRITY, rx2800 i4 1S	B PR1-SKU001 H01-020-060	- EA	JV Zone Group 1
5	TS00000191	BADGE, HP INTEGRITY, rx2800 i4 1S	B PR1-SKU001 H01-020-100	- EA	JV Zone Group 1
6	TS00000192	BADGE, HP INTEGRITY, rx2800 i4 1S	B PR1-SKU001 H01-020-150	- EA	JV Zone Group 1
7		BADGE, StoreAll 9300 Node	B PR1-SKU002	-	JV Zone Group 1

Various cycle counting mechanism

- Blind Count by specific conditions
- by stock movement
- by exceptions
- random counting
- by differences

ADJUSTMENT DOCUMENT

Honeywell WMS

Adjustment Document

Admin 001_DEBUG-BIZ-VAR-SQL [HORREUMX_DEMO]

Form Details

Main Info

User Defined

Interface

Extended Information

Other

ADJNO

Status

ADJ Type

ADJ Time

Warehouse ID

Customer ID

Reason Code

Reason

000001

Create

Common

2020-10-11 17:00:07

HORREUMX_DEMO

MESONX

LOSS

LOSS

Save

Cancel

Order Details

Add

Copy

Delete

Print

Operation

Expo

Warehouse ID

ADJNO

ADJ LineNO

Adjustm

HORREUMX_...

000001

1

Create

Main Info

User Defined

Other

ADJ ...

ADJ Line Status

SKU

SKU Descr

1

Create

885025735005

Milky Face Powder

LOTNUM

Location ID

Trace ID

UOM

QTY

QTY Available

0000024

STAGEWHCPT01

PLT401

Each

20

0

Gross Weight

Cubic

6.00000

600.00

LOTATT

Production Date

Expiration Date

Warehousing Date

Batch Number

Stock Condition

2020-09-30

2021-09-30

2020-09-30

N-Good

Target Information

LOTNUM TO

Location ID TO

Trace ID TO

UOM TO

QTY TO

0000024

STAGEWHCPT01

PLT401

Each

100

Gross Weight TO

Cubic TO

Reason Code

Reason

Save

Cancel

Adjust inventory quantity if there is discrepancy. Auto generate adjustment document after scan count

TRANSFER DOCUMENT

Honeywell WMS Transfer Document Admin 001_DEBUG-BIZ-VAR-SQL [HORREUMX_DEMO]

Form Details

Main Info **User Defined** **Interface** **Extended Information** **Other**

TDONNO: 000001 Status: Approved TDOC Type: Common Transfer Time: 2020-09-30 17:49:29 Warehouse ID: HORREUMX_DEMO

Customer ID: Reason Code: Reason:

Order Details

Warehouse ID	TDONNO	TDON LineNO	1
☐ HORREUMX_DE...	000001	1	Appr

Main Info **User Defined** **Other**

LineNo: 1 TDOC Line S...: Approved SKU: 885025735005 SKU Descr(L): Milky Face Powder

Location FM: D01-04-B ID FM: PLT400 QTY FM: 100 QTY Available FM: 100

LOTNUM: 0000023 Gross Weight FM: 30.00000 Cubic FM: 3000.00 Net Weight FM: 0.00000

Transfer LOTATT

Production Date: 2020-09-30 Expiration Date: 2022-09-30 Warehousing Date: 2020-09-30 Batch Number: Stock Condition: N-Good

TargetBatchProperties

Production Date: 2020-09-30 Expiration Date: 2022-09-30 Warehousing Date: 2020-09-30 Batch Number: Stock Condition: N-Good

Transfer Info

Customer ID TO: SKU TO: SKU Descr(L):

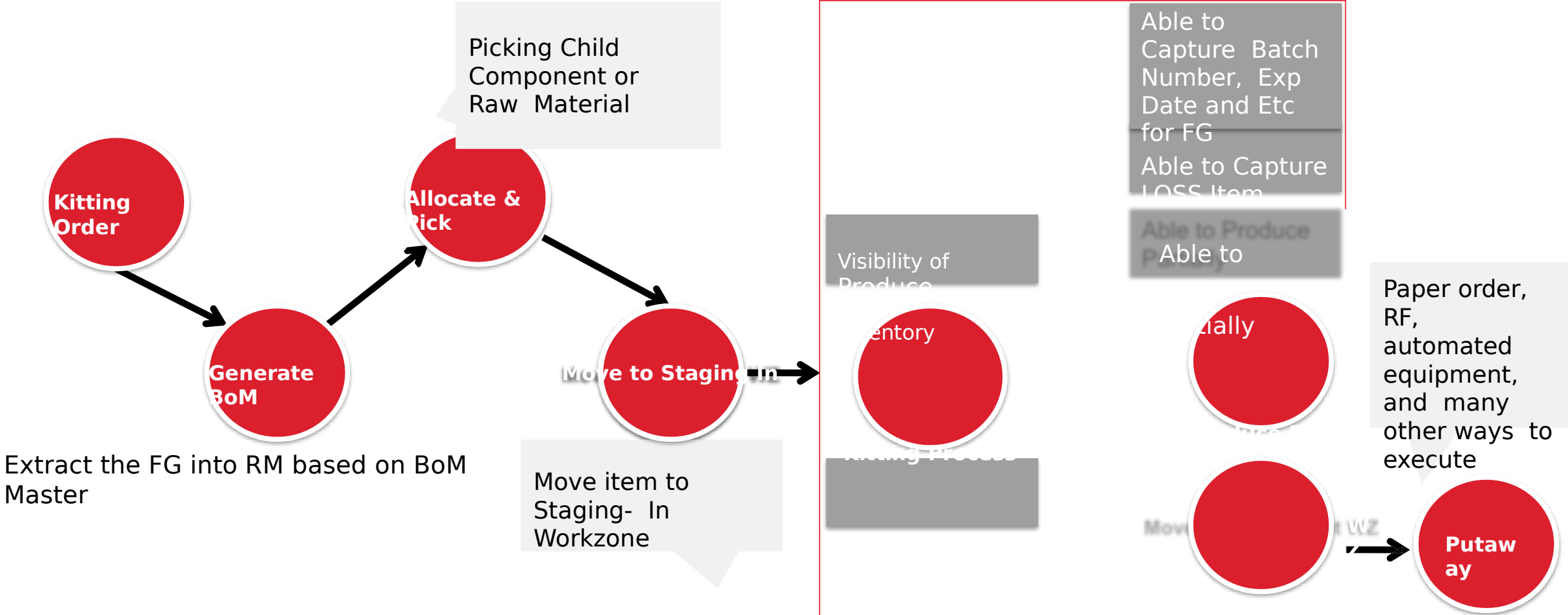
Transfer of ownership, lot attribute



KITTING

Honeywell

KITTING WORKFLOW



BOM CONFIGURATION

Form Details
Details

+ Add
📄 Copy
- Delete
🖨️ Print
⚙️ Operation
📄 Export
✎ Edit
...
▼

	Customer ID	Kit SKU	SKU	VersionNO	SKU Descr(L)	SKU Descr(S)	Sequence
☐	Customer ID	Kit SKU	SKU	VersionNO	SKU Descr(L)	SKU Descr(S)	Sequence
☐	SAMSONITE	BAG_COMBI	BAG_BIG	0	BAG_BIG	BAG_BIG	1
☐	SAMSONITE	BAG_COMBI	BAG_MED	0	BAG_MED	BAG_MED	2
☐	SAMSONITE	BAG_COMBI	BAG_SMALL	0	BAG_SMALL	BAG_SMALL	3

list of components which makes up the Parent Item

Form Details

Details

+

 Add

Copy

-

 Delete

Print

Operation

Export

Edit

...

▼

☐	Customer ID	Kit SKU	SKU	VersionNO	SKU Descr(L)	SKU Descr(S)	Sequence
☐	SAMSONITE	BAG_COMBI	BAG_BIG	0	BAG_BIG	BAG_BIG	1
☐	SAMSONITE	BAG_COMBI	BAG_MED	0	BAG_MED	BAG_MED	2
☐	SAMSONITE	BAG_COMBI	BAG_SMALL	0	BAG_SMALL	BAG_SMALL	3

list of components which makes up the Parent Item

Current Count 3

Total Count 3

Count Each Page 100

⏪

⏩

1/1

⏪

⏩

Move To Page 1

Main Info

User Defined

Other

Customer ID

Kit SKU

SKU

specify Component SKU

Pack ID

SAMSONITE

BAG_COMBI

BAG_BIG

...

PACKSAMSONITE

Sequence

Sequence of kitting

QTY

Qty of component SKU required to build 1 Parent Item

SKU Descr(L)

SKU Descr(S)

1

1

BAG_BIG

BAG_BIG

VersionNO

0

☐ Accessory Flag

Honeywell

INVENTORY VISIBILITY

SKU Descr(L)	SKU Descr(S)	Lot Number	↓ Location ID	Trace ID	MUID	UOM	QTY On Hand	
BAG_SMALL	BAG_SMALL	0000308	WB_RM_CBT01	*	*	EA	2	
BAG_BIG	BAG_BIG	0000309	WB_RM_CBT01	*	*	EA	2	
BAG_MED	BAG_MED	0000310	WB_RM_CBT01	*	*	EA	2	
BAG_COMBI	BAG_COMBI	0000341	WB_RM_CBT01	*	*	EA	3	
BAG_COMBI	BAG_COMBI	0000349	WB_FG_CBT01	*	*	EA	7	
BAG_COMBI	BAG_COMBI	0000350	WB_FG_CBT01	*	*	EA	1	

SKU Descr(L)	SKU Descr(S)	Lot Number	Location ID	Trace ID	MUID	UOM	QTY On Hand	QTY Allocat
BAG_COMBI	BAG_COMBI	0000563	WB_FG_CBT01	*	*	EA	5	0

Honeywell



KITTING

Honeywell WMS | Inventory Balance | **Kitting** ×

Form Details

Info | User Defined | Other

Kit Status	OrderNO	Customer ID	Customer Name
Created	SO20080400002	SAMSONITE	SAMSONITE (TEST)
Kit Reference1	Kit Reference2	Kit Reference3	Kit Reference4
KITORDER01			
Warehouse ID	Follow Up	EDI Send Time	
CBT01			

Save | Cancel

Kit | Sub Kit

Operation | Export | Edit | ...

Lineno	Line Status	Kit SKU	Kit Lineno	Line Status	Kit SKU	SKU Descr	QTY Ordered Each
Created	BAG_COMBI	1	Created	BAG_COMBI	BAG_COMBI	5	
QTY Kitted Each	Kitting QTY	Loss QTY	UOM	VersionNO			
0	5	0	EA	0			

LOTATT

Warehousing Date	Batch Number	Pallet Type	Stock Status	Set
	BAT9012	Own Pallet	N-Good	Yes

Honeywell WMS | Inventory Balance | **Kitting** ×

Delete | Print | Operation | Export | Edit | ...

KitNO	Kit Status	Customer Name
KT200804001		

Auxiliary

Cancel Kit Task

Close Kit Task

Generate Loss Adjustment DOC

Confirm Completion Of Processing

Copy The Text

Exist Data Export

Delete Personal Columns

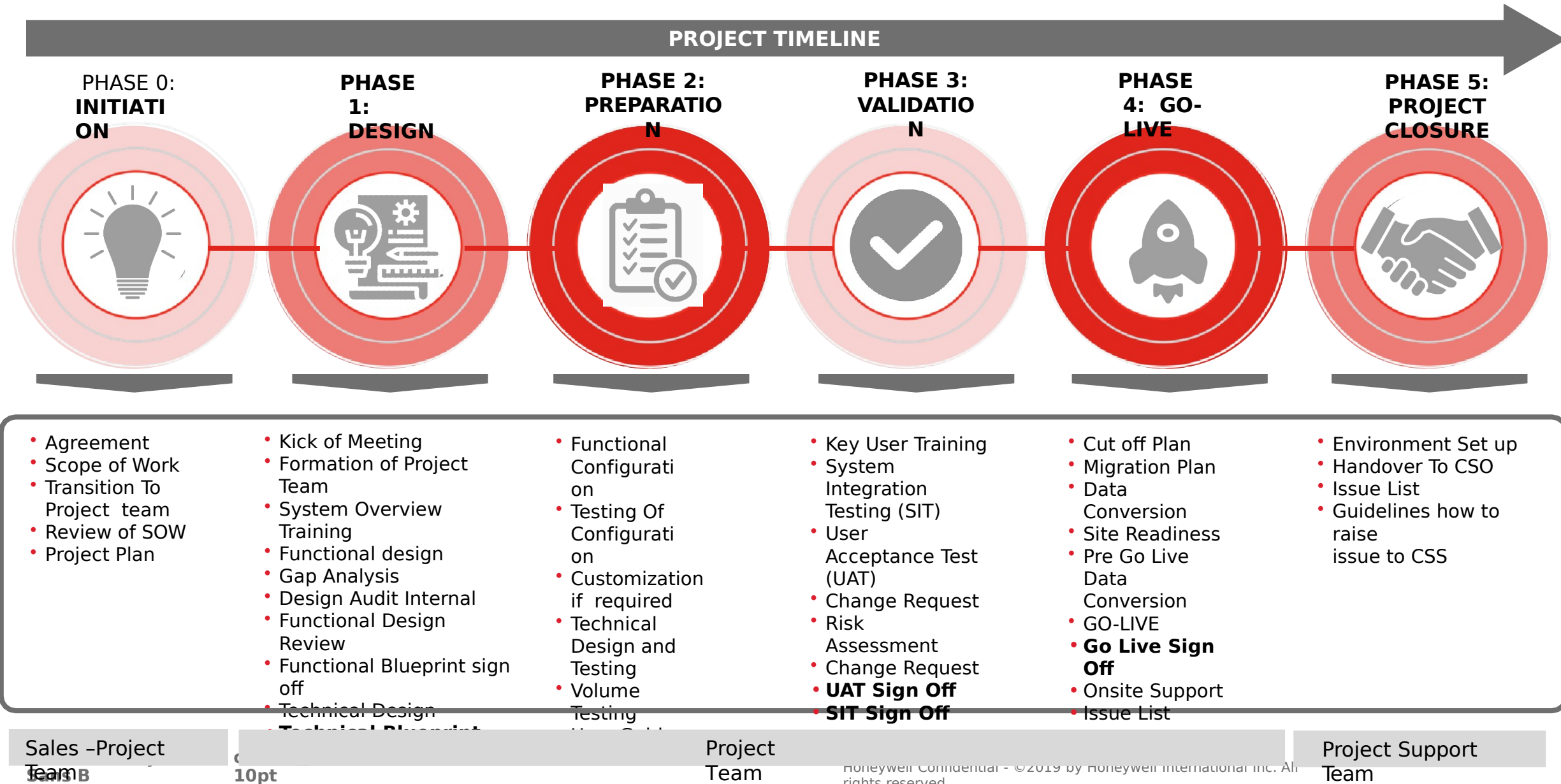
Honeywell



HONEYWELL RESULT DRIVEN METHODOLOGY (HRDM)

Honeywell

HONEYWELL RESULT-DRIVEN METHODOLOGY



THANK YOU.

Honeywell